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Patent  
Attorney's Docket No. 002076-005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
 )  
F. Abel PONCE DE LEON et al. ) Group Art Unit: 1633  
 )  
Application No.: 09/127,738 ) Examiner: C. Stroup  
 )  
Filed: August 3, 1998 )  
 )  
For: PRODUCTION OF AVIAN )  
 EMBRYONIC GERM (EG) CELL )  
 LINES BY PROLONGED )  
 CULTURING OF PGCs AND )  
 USE THEREOF FOR CLONING AND )  
 CHIMERIZATION )

**REPLY TO OFFICE ACTION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Kindly enter the following amendments and remarks prior to further examination:

**IN THE CLAIMS**

Kindly amend claims 1 and 14 prior to further examination:

B'  
SUB  
C1

1. (Amended) A culturing method which provides for the production of avian PGC and germ (EG) cells comprising the following steps:

- (i) isolating primordial germ cells from a desired avian; and
- (ii) culturing said primordial germ cells in a culture medium containing at least the following growth factors contained in amounts sufficient to maintain said PGCs for prolonged periods in tissue culture: